

USER'S GUIDE

26" / 42" CCTV

IMPORTANT SAFEGUARDS

1. Read all of these instructions.

2. Save these instructions for later use.



3. Unplug this monitor from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

4. Do not use attachments not recommended by the monitor manufacturer as they may cause hazards.

5. Do not use this monitor near water, e.g., near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.



6. Do not place this monitor on an unstable cart, stand, or table. The monitor may fall, causing serious injury to a child or adult, and serious damage to the appliance.



7. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to ensure reliable operation of the monitor, and to protect it from overheating.

These openings must not be blocked or covered. The openings should never be blocked by placing the monitor on a bed, sofa, rug, or other similar surface. This monitor should never be placed near or over a radiator or heat register. This monitor should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.



8. This monitor should be operated only from the type of power source indicated on the marking label. If you are not sure of the power supplied to your home, consult your monitor dealer or local power company.



9. This monitor is equipped with a 3-wire grounding-type plug. That is, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding-type plug.



10. Do not allow anything to rest on the power cord. Do not locate this monitor where the cord will be abused by people walking on it.

11. Follow all warnings and instructions marked on the monitor.



12. For added protection for this monitor during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the monitor and/or the computer due to lightning and power line surges.

13. Do not overload wall outlets and extension cords as this can result in fire or electric shock.

14. Never push objects of any kind into this monitor through cabinet slots, as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the monitor.



15. Do not attempt to service this monitor yourself, as opening or removing covers may expose you to dangerous voltages or other hazards. Refer all servicing to qualified service personnel.

16. Unplug this monitor from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a. When the power cord or plug is damaged or frayed.

b. If liquid has been spilled into the monitor.

c. If the monitor has been exposed to rain or water.

d. If the monitor does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore normal operation.

e. If the monitor has been dropped or the cabinet has been damaged.

f. When the monitor exhibits a distinct change in performance, this indicates a need for service.



17. When replacement parts are required be sure the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

18. Upon completion of any service or repairs to this monitor, ask the service technician to perform routine safety checks to determine that the monitor is safe to operate.



FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

NOTE : This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

CAUTION : Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CANADIAN NOTICE

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

AVIS CANADIEN

Cet appareil numérique de la Class A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

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INTRODUCTION

This manual explains how to correctly install, operate and get the best performance from your CCTV. Please read this user's guide carefully before installing your CCTV, then keep it near your CCTV for quick reference.

First, please check that the contents of the box corresponds with the following checklist :

- TFT LCD CCTV
- Power cord
- 15 pin signal cable
- User's guide
- HDMI cable
- Remote Controller

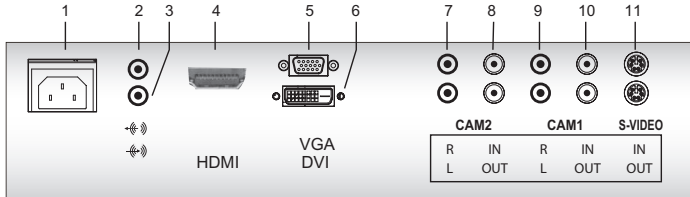
If any item is missing or damaged, please contact your dealer. Please keep the box and packing materials so that you may properly store or transport your CCTV.

PRODUCT FEATURES

- The convenient and user-friendly on-screen display allows for easy and accurate adjustments of screen size, position and screen color.
- The CCTV complies with the VESA Display Data Channel (DDC) specification for Plug and Play compatibility. Advanced microcircuitry makes setup and configuration fast and effortless.
- The CCTV features Advanced Color Controls for fine-tuning to meet your own personal tastes or application requirements. Use the on-screen controls to adjust the color temperature, RGB gain value for the best possible screen color and intensity.
- Press the menu button and activate the Self-Diagnosis menu to determine whether your CCTV is functioning normally, not receiving a signal or is receiving a signal that is out of scanning range.

SETUP

CONNECTION



1. AC Input
2. Head Phone Out
3. PC Stereo Input
4. HDMI
HDMI signal input
5. VGA
RGB signal input
6. DVI
DVI-D signal input
7. CAM2 R/L
Audio signal input left and right for CAM2
8. CAM2 IN/OUT
Composite signal input and output for CAM2
9. CAM1 R/L
Audio signal input left and right for CAM1
10. CAM1 IN/OUT
Composite signal input and output for CAM1
11. S-VIDEO IN/OUT
Separated signal input and output

REMOTE CONTROL

R1 POWER

- Turns the set on from stand-by or off to Stand-by mode.

R2 INPUT SOURCE

- Select the signal source from the multiple input sources.

R3 MUTE

- Turns the sound on and off

R4 NUMBER Button

- Not used.

R5 LAST CH

- Not used.

R6 INFO

- Information display.

R7 PICT MODE

- Recalls your preferred picture settings.

R8 SLEEP

- Sets the sleep timer.

R9 MENU

- Display a main menu.

R10 EXIT

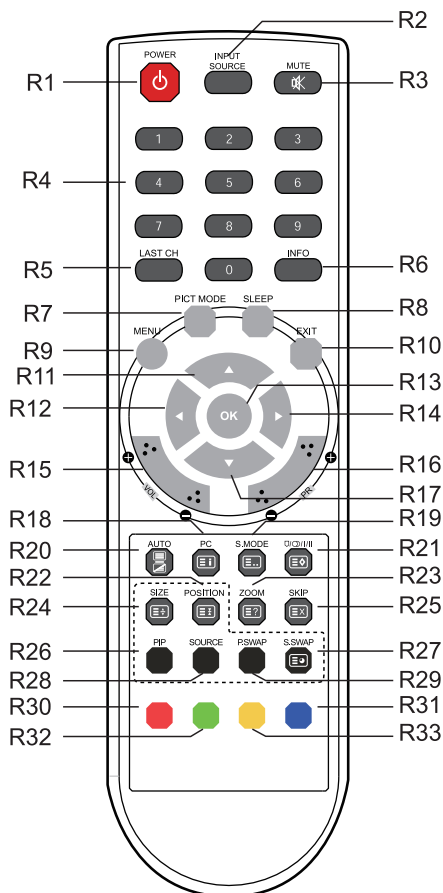
- Turns the OSD window off and moves from sub Menu to top menu in the OSD window.

R11 / R17 UP/DOWN ▲ / ▼ Button

- Press UP/DOWN button to get into Function menu.

R12 / R14 LEFT/RIGHT ◀ / ▶ Button

- Press LEFT/RIGHT Button to adjust the volume.



R13 OK

- Select menu items.

R15 VOL +/-

- Adjust the sound level

R16 PR +/-

- Not used.

R18 PC

- Directly select pc mode

R19 S MODE

- Choose different preset sound mode or your own customized sound.

R20 AUTO

- Choose automatically the proper horizontal Position and vertical position & size of the screen image. (PC MODE ONLY)

R21 $\square/\odot/||/|||$

- Not used.

R22 POSITION

- Select the position of PIP display.

R23 ZOOM

- Select the screen format (CAM/HDMI mode only)

R24 SIZE

- Select the size of PIP display.

R25 SKIP

- Not used.

R26 PIP

- Activate or cancel the PIP function.

R27 S. SWAP

- Change the sound source of the main or sub display.

R28 SOURCE

- Select the signal source of the sub display.

R29 P. SWAP

- Change the picture of the main or sub display.

R30, R31, R32, R33

- Not used.

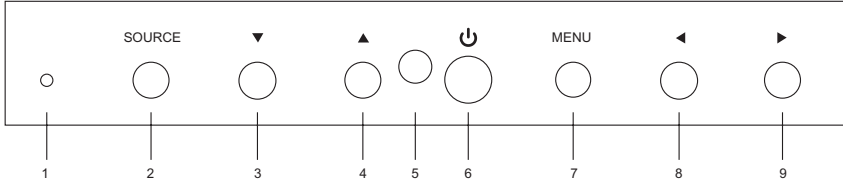
Inserting batteries into the Remote Control unit

To load the batteries turn the remote control handset over and open the battery compartment. Insert the batteries (2x 1.5v type R03 or AAA). Make sure that the polarity matches with the (+) and (-) marks inside of the battery compartment.

Note : To avoid damage from possible battery leakage, remove the batteries if you do not plan to use the remote control handset for an extended period of time.

OPERATION & ADJUSTMENT

CONTROL PANEL



1 POWER INDICATOR

2 SOURCE (*)

Used to select from different input sources. Press the UP or DOWN arrow to scroll through the available sources, and press LEFT or RIGHT arrow to confirm selection.

3 ▼

Allows for Vertical scrolling in the OSD Menu.

4 ▲ (*)

Primary Function : Choose automatically the proper horizontal Position and vertical position & size of the screen image(VGA MODE ONLY)
Secondary Function : Allows for Vertical scrolling in the OSD Menu.

5 IR SENSOR WINDOW

6 POWER

Switches the CCTV on and off

7 MENU

Turns the OSD window on. Turns the OSD (On-Screen Display) window off and moves from sub menu to top menu in the OSD window.

8 ◀ (*)

Primary Function : Used to DECREASE the volume.
Secondary Function : Moves cursor to the left in the OSD window and decreases the value of any selected menu.

9 ▶ (*)

Primary Function : Used to INCREASE the volume.
Secondary Function : Moves cursor to the right in the OSD window and increases the value of any selected menu.

KEY PROCESS

- ① To select OSD press the MENU button.
- ② Use LEFT-RIGHT button to select the menu.
- ③ Use DOWN button to select the sub menus.
- ④ Press SOURCE button, then using LEFT-RIGHT buttons you can make adjustments as necessary
- ⑤ To press MENU button, Turns the OSD (On-Screen Display) window off and moves from sub menu to top menu in the OSD window.

◆ HOT KEY

SOURCE

- Selects signal in order.
VGA-HDMI-DVI-CAM1-CAM2-SVIDEO



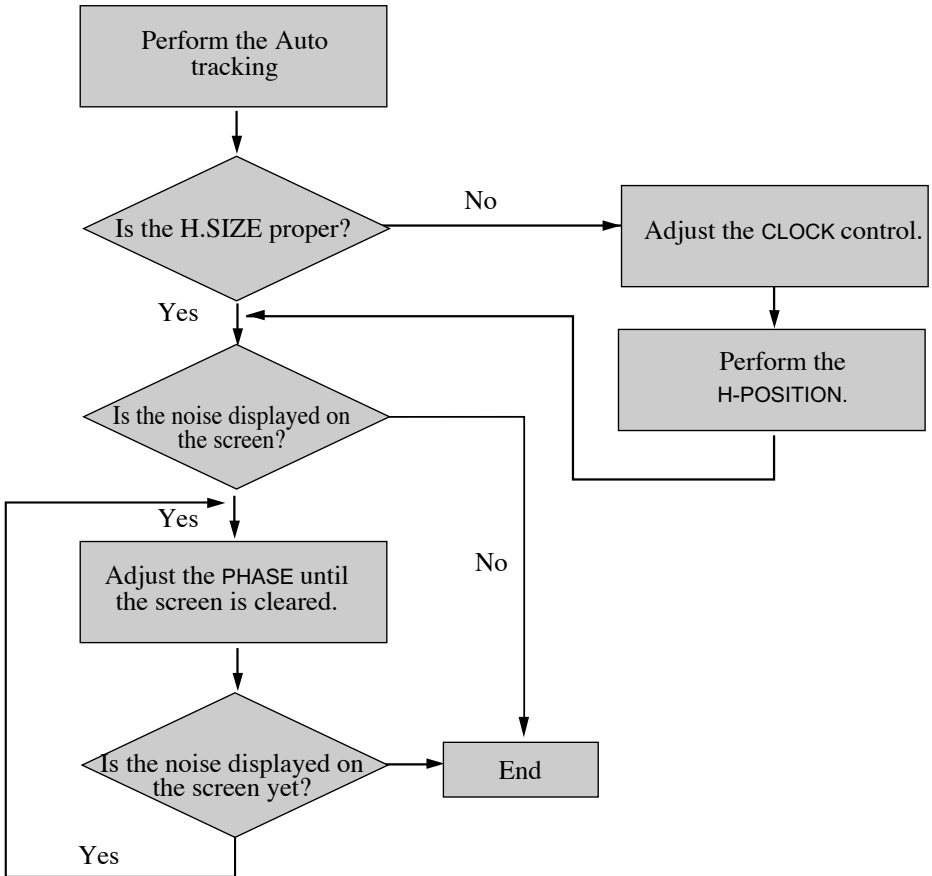
- When there is no OSD, if you press this ▲ (AUTO/UP) button, you can use the best display performance fit for a current mode. (VGA MODE ONLY)



- When there is no OSD, you can adjust the volume directly.

ADJUSTMENT PROCEDURE

<VGA MODE>

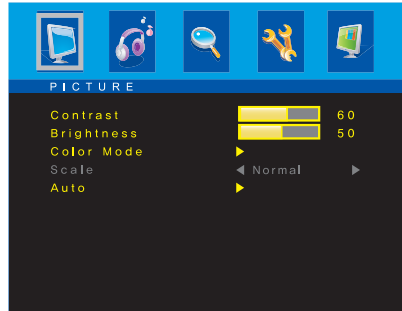


OSD FUNCTION

◆ VGA MENU (VGA/HDMI/DVI)

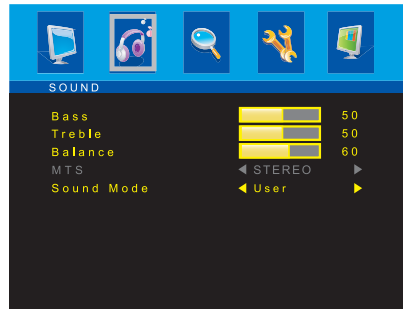
PICTURE

1. Contrast
Adjust the contrast of image, the difference between light and dark areas on the screen.
2. Brightness
Adjust the brightness of image.
3. Color Mode
Choose different preset color temperatures or set your own customized color parameters.
(Normal/Warm/Cool/User)
4. Scale
Select the screen size (HDMI mode only).
5. Auto
Choose automatically the proper horizontal Position and vertical position & size of the screen image.
(VGA mode only)



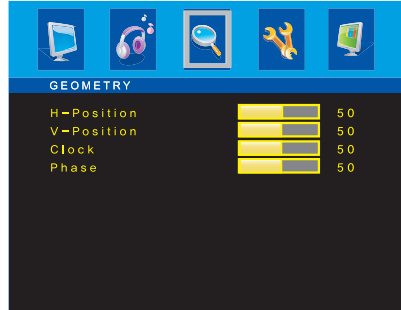
SOUND

1. Bass
When you select the user mode, adjust the bass sound.
2. Treble
When you select the user mode, adjust the treble sound.
3. Balance
Adjust the sound balance of the left and right speakers.
4. MTS
This function is currently unavailable for this model.
5. Sound Mode
Choose different preset sound mode or your own customized sound.(Standard/Movie/Music/User)



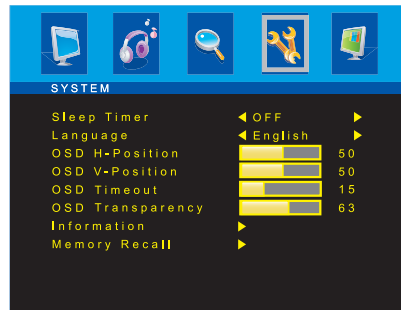
GEOMETRY

1. H-Position
Adjust the position of the display horizontally (left or right).
2. V-Position
Adjust the position of the display vertically (up or down).
3. Clock
Adjust the width (horizontal size) of the Screen image.
4. Phase
Remove any horizontal noise and clear or sharpen the image of characters.



SYSTEM

1. Sleep Timer
Select time to turn off the CCTV.
(OFF/15/30/45/60 Minutes)
2. Language
(English/Deutsch)
3. OSD H-Position
Adjust the OSD position of the display horizontally (left or right).
4. OSD V-Position
Adjust the OSD position of the display vertically (up or down).
5. OSD Timeout
Adjust the display OSD Time.
(5~60 sec)
6. OSD Transparency
Adjust the OSD Transparency
7. Information
Shows the status of the current Display settings.
8. Memory Recall
Reset the screen to the Factory Preset Display Settings.



PIP

1. Multi Window
Activate or cancel the PIP function.
2. Sub Source
Select the input source the PIP screen.
(CAM1/CAM2/SVIDEO)
3. Size
Select the PIP display size.
(Small/Middle/Large/Double 1/Double 2)
4. Position
Adjust the PIP display position.
(R-Up/R-Down/L-Down/L-Up)
5. Border Color
Select the border color of the PIP display.
(Black/Blue)
6. Sound Swap
Select the sound Swap.
(Main/Sub)
7. Picture Swap
Change the main picture and the sub pictures of the PIP.



◆ CAM MENU (CAM1/CAM2/S-VIDEO)

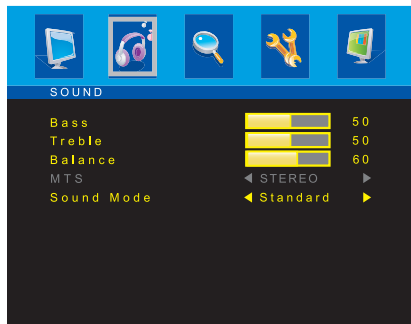
PICTURE

1. Contrast
Adjust the contrast of image, the difference between light and dark areas on the screen.
2. Brightness
Adjust the brightness of image.
3. Tint
Adjust the Tint of image.
4. Color
Adjust Color of image.
5. Sharpness
Adjust the display image quality (if the screen proceed to scaling up).
6. Color Tone
Choose different preset color temperatures or set your own customized color parameters. (Normal/Warm/Cool)
7. Picture Mode
Select the picture mode. (Standard/Movie/Dynamic/User)
8. Screen Format
Select the aspect ratio. (Full/Zoom1/Zoom2/Subtitle/4:3/Panorama)



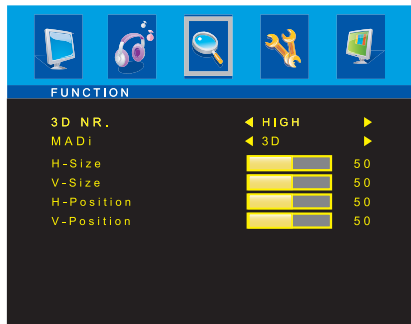
SOUND

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This function is currently unavailable for this model.
5. Sound Mode
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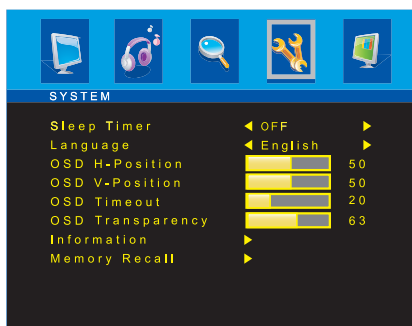
FUNCTION

- 3D NR.
Reduce the noise in the picture due to poor reception or poor picture quality.
(OFF/LOW/MIDDLE/HIGH)
- MADi
Generation advanced color engine automatic picture enhancement gives.
(2D/3D)
- H-Size
Adjust the width (horizontal size) of the Screen image.
- V-Size
Adjust the height (vertical size) of the Screen image.
- H-Position
Adjust the position of the display horizontally (left or right).
- V-Position
Adjust the position of the display vertically (up or down)



SYSTEM

- Sleep Timer
Select time to turn off the CCTV.
(OFF/15/30/45/60 Minutes)
- Language
Select language for OSD.
(English/Deutsch)
- OSD H-Position
Adjust the OSD position of the Display horizontally (left or right).
- OSD V-Position
Adjust the OSD position of the Display vertically (up or down).
- OSD Timeout
Adjust the display OSD Time.
(5~60 sec)
- OSD Transparaency
Adjust the OSD Transparency
- Information
Shows the status of the current Display settings.
- Memory Recall
Reset the screen to the Factory Preset Display Settings.



PIP

1. Multi Window
Activate or cancel the PIP function.
2. Sub Source
Select the input source the PIP screen.
(VGA/HDMI/DVI)
3. Size
Select the PIP display size
(SMALL/MIDDLE/LARGE/DOUBLE
1/DOUBLE 2)
4. Position
Adjust the PIP display position.
(R-UP/R-DOWN/L-DOWN/L-UP)
5. Border Color
Select the border color of the PIP display.
(Black/Blue)
6. Sound Swap
Select the sound Swap.
(Main/Sub)
7. Picture Swap
Change the main picture and the sub pictures of the PIP.



PIP TABLE

		MAIN					
		VGA	HDMI	DVI	CAM1	CAM2	S-VIDEO
S	VGA	—	X	X	⊙	⊙	⊙
	HDMI	X	—	X	⊙	⊙	⊙
U	DVI	X	X	—	⊙	⊙	⊙
B	CAM1	⊙	⊙	⊙	—	X	X
	CAM2	⊙	⊙	⊙	X	—	X
	S-VIDEO	⊙	⊙	⊙	X	X	—

⊙ : Supported

X : Non Supported

SELF DIAGNOSIS

If there is no image, the Self Diagnosis screen will be displayed. Self Diagnosis function checks if the status of the CCTV screen is No Signal, Out of range or None support.

No Signal

No Signal screen is displayed when the D-Sub signal connector is connected but the status of the CCTV is on DPMS mode.

Out of Range

Out of Range screen is displayed when the applied frequency is under or over normal range.

- Normal range
(Non-interlaced mode only)
H : 30 - 80 KHz
V : 56 - 77 Hz

Analog Check Cable

Check cable screen is displayed when the Analog signal cable is disconnected.

DVI Check Cable

Check cable screen is displayed when the DVI signal cable is disconnected.

HDMI Check Cable

Check cable screen is displayed when the HDMI signal cable is disconnected

SPECIFICATIONS

ITEM		26"	42"
PANEL	SCREEN SIZE	26" TFT LCD	42" TFT LCD
	PIXEL PITCH	0.4215x0.4215mm	0.4845x0.4845mm
	VIEWING ANGLE(H/V)	178° / 178°	178° / 178°
	CONTRAST RATIO	4000:1 (typ)	1500:1 (typ)
	RESPONSE TIME	8ms(G-to-G)	5ms(G-to-G)
	BRIGHTNESS	450cd/ m ² (typ)	500cd/ m ² (typ)
	RECOMMEND RESOLUTION	1366x768 @60Hz	1920x1080 @60Hz
AUDIO	SPEAKER POWER	5Wx2	5Wx2
	SPEAKERS	Built-in	Built-in
	SOUND FEATURES	STEREO R,L	STEREO R,L
INTERFACE	VIDEO IN / OUT (BNC TYPE)	2/2	2/2
	S-VIDEO IN / OUT	1/1	1/1
	AUDIO IN / OUT (RCA TYPE)	2/2	2/2
	VGA IN (15PIN D-SUB)	1	1
	DVI IN	1	1
	HDMI IN	1	1
	PC STEREO IN	YES	YES
	HEAD PHONE OUT	YES	YES
	TRANSMITTER	REMOTE CONTROL	YES
POWER	CONSUMPTION	<100W	<180W
	ELETRICAL RATINGS	100 ~ 240Vac	100 ~ 240Vac
SPECIAL FETURES	MULTI DISPLAY FUNCTION	PIP / POP / PBP	PIP / POP / PBP
	FILTER TYPE	3D Combfilter, Deinterace	3D Combfilter, Deinterace
VESA MOUNT HOLES	HOLE INTERVAL	100x100 and 200x100mm (3.94x3.94 and 7.87x3.94inch)	200x200 and 400x200mm (7.87x7.87 and 15.75x7.87inch)
	SCREW SIZE	Machine 4x8	Machine 5x8
Operating Temperature	0 ~ 40°C / 32 ~ 104°F		

- The specification can be changed without any prior notice to improve the quality of the product.
- The LCD panel may have some defective pixels (e.g. slightly light or dark) due to a characteristic of the LCD panel. But there is no defect in your LCD product itself.

TROUBLESHOOTING

Symptom	Check
Picture is jitterd.	Adjust Clock to set the screen position and adjust Clock fine until a noise isn't displayed.
No picture.	Check if power switch and computer power switch are in the on position. ↓ Check if the signal cable is correctly connected to the video card. ↓ Check if the pins of D-Sub connector are not bent. ↓ Check if the computer is in the power- saving mode.
POWER LED is not lit.	Check if power switch is in the on position. ↓ Check if the power cord is correctly connected.
Image is unstable.	Check if the signal cable is suitable to the video card.
Image is not centered, too small or too large.	Adjust Clock or H&V Center to get the proper image.
Picture bounces or a wave pattern is present in the picture.	Keep the devices that may cause electrical interference away from the monitor. ↓ See the FCC information at the front cover of the manual.
Picture is blurred.	Adjust Contrast and Brightness.

Symptom	
Low sound.	<p>Adjust the volume on the OSD Menu.</p> <p>Adjust the volume of the sound card in the computer.</p>
VIDEO screen cannot be seen.	<p>Check if VIDEO mode has been set.</p> <p>Check if the video terminal is properly connected.</p>
No video.	<p>Check if the video cable is correctly connected to the computer and set to the video mode.</p>
Poor color in the video.	<p>Adjust the Saturation or Hue on the OSD Menu in the video mode.</p>
Grainy picture in the video.	<p>Adjust the Sharpness on the OSD Menu in the video mode.</p>

Memo

Memo

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